(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



) DE DIA BINLEDER DI BURDIN DIENK BENJU BENDE DIN EIN BENJUREN DE BENER HUND DIN DE BURDIN DIEN DIEN DIE HOLDE

(43) International Publication Date 4 August 2005 (04.08.2005)

PCT

(10) International Publication Number WO 2005/070332 A1

(51) International Patent Classification⁷: A61K 47/30

A61F 2/02,

(21) International Application Number:

PCT/US2005/000884

(22) International Filing Date: 12 January 2005 (12.01.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/535,908

12 January 2004 (12.01.2004) US

60/616,322

6 October 2004 (06.10.2004) US

- (71) Applicant (for all designated States except US): UNIVER-SITY OF PENNSYLVANIA [US/US]; 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104-6283 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SIEGEL, Steven [US/US]; 86 Highpoint Drive, Berwyn, PA 19312 (US).
- (74) Agent: COHEN, Mark, S.; Eitan, Pearl, Latzer & Cohen Zedek LLP, 10 Rockefeller Plaza, Suite 1001, New York, NY 10020 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA; CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

05/070332

(54) Title: LONG-TERM DELIVERY FORMULATIONS AND METHODS OF USE THEREOF